

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR2004/003208

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C23C22/68 C25D11/34 C23C2/26 B21D22/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C23C C25D B21D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/15878 A (LORRAINE LAMINAGE ; PETITJEAN JACQUES (FR); BELLO ALAIN (FR); ROSSI AR) 23 March 2000 (2000-03-23)	14-17
A	page 3, line 13 - page 10, line 27; claims page 12, line 22 - line 27; examples	1-13
A	KUNDE N D ET AL: "Correlation of prephosphate treatment, surface friction and powdering of galvaneal during forming" SAE SPEC PUBL; SAE SPECIAL PUBLICATIONS; DEVELOPMENTS IN SHEET METAL STAMPING FEB 1998 SAE, WARRENDALE, PA, USA, vol. 1322, February 1998 (1998-02), pages 17-22, XP002290602 the whole document	1-13
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

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- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

13 April 2005

Date of mailing of the international search report

25/04/2005

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PCT/FR2004/003208

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/097151 A (KAWASAKI STEEL CO ; FUJIMOTO KYOKO (JP); SATOH SUSUMU (JP); SHIMURA MA) 5 December 2002 (2002-12-05) & EP 1 391 530 A (JFE STEEL CORP) 25 February 2004 (2004-02-25) claims; table 2	1-17
A	WO 01/51682 A (PETITJEAN JACQUES ; KLAM GENEVIEVE (FR); USINOR (FR)) 19 July 2001 (2001-07-19) the whole document	1-17

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Information on patent family members

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